Negotiated Comparative Statement

BBMP/2020-21/OW/WORK_INDENT44038

Improvements to roads, drains and construction of culverts at Sadiq Layout and Surrounding areas in Ward No.06

SNo	Item Name	Unit	Estimate Quantity	Estimate Rate	Total Amount	Before Negotiation Rates of Sri. Singipalya Rangaiah Manjunath (SRI LAKSHMI		After Negotiation Rates of Sri. Singipalya Rangaiah Manjunath (SRI LAKSHMI	
						Quoted Rate	Total Amount	Quoted Rate	Total Amount
1	Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete with all lead and lift charges as per direction of engineer-in-charge	Cum	1838.73	238.92	439309.37	267.59	492025.76	255.55	469884.60
2	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete with all lead and lift charges as per direction of engineer-in-charge	Cum	197.99	4479.56	886908.08	5017.11	993337.61	4791.34	948637.42
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete with all lead and lift charges as per direction of engineer-in-charge	Cum	509.76	7070.20	3604105.15	7918.62	4036595.73	7562.28	3854948.92
4	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete with all lead and lift charges as per direction of engineer-in-charge	MT	31.45	72940.72	2293985.64	81693.61	2569264.03	78017.40	2453647.15
5	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(0.9 x 0.60 x 0.1)Data rate	Sqm	1228.58	2337.00	2871191.46	2617.44	3215734.44	2499.66	3071026.39
6	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.2 x 0.60 x 0.25)Data rate	Sqm	93.84	5418.00	508425.12	6068.16	569436.13	5795.09	543811.51
7	Providing and fixing pre cast solid concrete kerb stones of size 450x150x400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete., complete with all lead and lift charges as per direction of engineer-in-charge	No	1751.00	477.00	835227.00	534.24	935454.24	510.20	893358.80
8	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete with all lead and lift charges as per direction of engineer-in-charge	Sqm	236.40	84.80	20046.72	89.46	21148.34	85.43	20196.67

Sl No	Item Name	Unit	Estimate Quantity	Estimate Rate	Total Amount	Before Negotiation Rates of Sri. Singipalya Rangaiah Manjunath (SRI LAKSHMI		After Negotiation Rates of Sri. Singipalya Rangaiah Manjunath (SRI LAKSHMI	
						Quoted Rate	Total Amount	Quoted Rate	Total Amount
9	Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete with all lead and lift charges as per direction of engineer-in-charge	Cum	1352.38	84.16	113816.30	88.79	120077.82	84.79	114674.32
10	Construction of granular sub-base Grading-V as sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete with all lead and lift charges as per direction of engineer-in-charge	Cum	450.79	1994.92	899289.99	2104.64	948750.67	2009.93	906056.89
11	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub-base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. MORTH Specification No. 601 with OPC cement @150Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with slip form paver with electronic sensor.complete with all lead and lift charges as per direction of engineer-in-charge	Cum	450.79	3800.10	1713047.08	4009.11	1807266.70	3828.70	1725939.70

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						Quoted Rate	Total Amount	Quoted Rate	Total Amoun
12	constructing un-reinforced, plain cement Pavements using Grade M-30 over a prepared base with OPC 360 kg/cum coarse aggregate at 0.69cum, fine aggregates at 0.46cum, Coarse and fine aggregate confirming to IS:383-2016 with Superplastizer at 3lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micronthick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour, hire charges of machineries, all lead & lift charges etc., complete with all lead and lift charges as per direction of engineer-in-charge	Cum	450.79	5210.96	2349048.66	5497.56	2478245.07	5250.17	2366724.04
13	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., complete with all lead and lift charges as per direction of engineer-in-charge	Sqm	3005.29	72.08	216621.30	76.04	228522.25	72.62	218238.75
	Total Summary Amount				16751021.88		18415858.80		17587145.15
	% against Estimated Rate						9.94		4.99

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